

Abstract of the Disclosure

A method of making a multilayer article includes depositing a first material on the surface of a metal substrate to form a seed layer of the first material, the first material being deposited under reducing conditions relative to the metal substrate, and then epitaxially

5 depositing a second material on a surface of the seed layer, wherein the second material is deposited from a solution-based precursor under second conditions that are more oxidizing than the reducing conditions used in the deposition of the first material.